

1992 DEC 14 AM 11:30

Issue Date: December 11, 1992

ENTERED

Effective Date: January 2, 1993

Expiration Date: December 29, 1997



Ohio Environmental Protection Agency

Indirect Discharge Permit

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as "the Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code 6111),

Titanium Metals Corporation

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge wastewater from its facility located at 100 Titanium Way, Toronto, Ohio, Jefferson County into the Publicly Owned Treatment Works of the City of Toronto located at 1400 South River Avenue, Toronto, Ohio in accordance with the conditions specified in Parts I, II, and III of this permit.

The permit is issued to apply and enforce pretreatment rules of the state of Ohio. The rights granted by this permit shall not supersede the primacy of the above authority in the regulation of its publicly owned treatment works.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Donald R. Schregardus

Donald R. Schregardus
Director

PART I, A - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfalls as described below in Part I, A. .

<u>EFFLUENT CHARACTERISTIC</u>			<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
Reporting Code	Units	Parameter	Concentration		Loading		Meas. Freq.	Sample Type
			Max.	Avg.	Daily	Monthly		
00056	GPD	Flow Rate	-	-	-	-	3/6 Month	24 Hr. Total
00402	S.U.	pH, Minimum	Not less than 5.0 at any time				3/6 Month	Grab
00720	mg/l	Cyanide, Total	0.530	0.220	-	-	3/6 Month	Grab
01051	µg/l	Lead, Total (Pb)	780	370	-	-	3/6 Month	Composite
01092	µg/l	Zinc, Total (Zn)	2700	1130	-	-	3/6 Month	Composite
00610	mg/l	Nitrogen, Ammonia (NH ₃)	246.1	108.34	-	-	3/6 Month	Composite
00950	mg/l	Fluoride, Dissolved (F)	109.670	48.75	-	-	3/6 Month	Composite

- The above limitations are based on a production rate of 1,093,584 Kilograms per year and a regulated process wastewater flow of 43,200 gallons per day.
- Samples shall be collected from the weir box between tube forming lines #2 and #5.

Part II - OTHER REQUIREMENTS

1. The permittee shall comply with all applicable rules, regulations, and ordinances of the City of Toronto. Any violation of those provisions shall also be considered a violation of this permit. If the authority to discharge is revoked by the POTW, this shall also be considered grounds for revocation of this permit.
2. In addition to the report submitted to Ohio EPA under Part III, Item 3, of this permit, a copy of each discharge monitoring report shall be submitted to the POTW at the following address:

City of Toronto Wastewater Treatment Plant
310 Sixth Avenue
Toronto, Ohio 43964

3. Any slug loading shall be reported to the POTW at (614) 537-2792 pursuant to requirements in Part III, Item 10.

Part III - GENERAL CONDITIONS

1. DEFINITIONS

"Absolute Limitations" Compliance with limitations having descriptions of "shall not be less than," "nor greater than," "shall not exceed," "minimum," or "maximum" shall be determined from any single value for samples and/or measurements collected.

"Composite" means a combination of individual samples collected at periodic intervals of the entire discharge day. The composite must be flow proportional; either the time interval between each individual sample or the volume of each individual sample must be directly proportional to either the wastestream flow at the time of the sampling or the total wastestream flow since the collection of the previous sample. Samples may be collected manually or automatically.

"Grab" means an individual sample collected at such time and location as to be representative of the discharge.

"Interference" means a discharge which, alone or in conjunction with a discharge or discharges from other sources, both: 1) inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and (2) therefore, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including state regulations contained in any state sludge management plan prepared pursuant to Subtitle D of SWDA), the Clean Air Act, and the Toxic Substances Control Act.

"mg/l" means milligrams per liter.

"pass through" means a discharge which exits through the POTW to waters of the state in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit.

"POTW" or "publicly owned treatment works" means a treatment works owned or operated by a public authority. This definition includes any devices and systems used in the storage, treatment, recycling, and reclamation of municipal sewage or industrial wastes of a liquid nature. It also includes sewers, pipes, and other conveyances only if they convey wastewater to a POTW treatment plant. The term also means the public authority which has jurisdiction over the indirect discharges to and the discharges from such a treatment works.

"Pollutant" means sewage, industrial waste, or other waste as defined by divisions (B), (C) and (D) of Section 6111.01 of the Revised Code.

"Reporting Code" is a five digit number used by the Ohio EPA in processing reported data. The reporting code does not imply the type of analysis used nor the sampling techniques employed.

"Slug loading" means any pollutant, including oxygen demanding pollutants, released in a discharge at a flow rate and/or pollutant concentration as to cause interference in the POTW.

"µg/l" means micrograms per liter.

2. GENERAL EFFLUENT LIMITATIONS

- A. All users of a POTW shall comply with the requirements of 40 CFR Part 403, the Federal "General Pretreatment Regulations for Existing and New Sources of Pollution," as appropriate.
- B. The permittee shall not introduce the following pollutants into a POTW:
1. Pollutants which create a fire or explosion hazard in the POTW;
 2. Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0, unless the POTW is specifically designed to accommodate such discharges;
 3. Solid or viscous pollutants in amounts which will cause obstruction to the flow in sewers, or other interference with the operation of the POTW;
 4. Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration as to cause interference in the POTW;
 5. Heat in amounts that will inhibit biological activity in the POTW resulting in interference or causing damage, but in no case heat in such quantities that the temperature exceeds 40° C (104° F) at the POTW unless the director, upon request of the POTW, approves an alternate temperature limit;
 6. Any liquids, gases, or solids which either singly or by interaction prevent entry into sewers for their maintenance and repair.
- C. The permittee shall not achieve any effluent concentration by dilution. The permittee shall not increase the use of potable water, process water or cooling water or otherwise attempt to dilute a discharge as a partial or complete substitution for adequate treatment to achieve compliance with the limitations contained in this permit.

3. REPORTING

- A. Monitoring data required by this permit shall be reported on the Ohio EPA report form (4519) on a semi-annual basis, unless specified otherwise in Part II - Other Conditions. Reports for each sampling period are to be received no later than the 15th day of June and December. The original plus first copy of the report form must be signed and mailed to:

Ohio Environmental Protection Agency
Pretreatment Unit
1800 WaterMark Drive
P. O. Box 1049
Columbus, Ohio 43266-0149

- B. If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit,

using approved analytical methods as specified below, the results of such monitoring shall be included in the calculation and reporting of the values required in the reports specified above.

- C. Analyses of pollutants not required by this permit, except as noted in the preceding paragraph, shall not be reported on Ohio EPA report form (4519), but records shall be retained as specified in the paragraph entitled "Records Retention."
- D. A copy of the Ohio EPA report form (4519) shall be sent to the POTW authority as specified in Part II, Other Requirements.
- E. If sampling performed by the permittee indicates a violation of a daily maximum effluent limit, the permittee shall notify the appropriate Ohio EPA district office within 24 hours of becoming aware of the violation. The permittee shall also repeat the sampling and analysis and submit the results of the repeat analysis to Ohio EPA, at the address given in paragraph 3.A above, within 30 days after becoming aware of the violation.

4. SAMPLING AND ANALYTICAL METHODS

- A. Samples and measurements taken as required herein shall be representative of daily operations. Test procedures for the analysis of pollutants shall conform to regulation 40 CFR 136, "Test Procedures For The Analysis of Pollutants" unless other test procedures have been specified in this permit. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- B. Unless otherwise specified in Part II - Other Requirements, samples shall be obtained through use of flow-proportional composite sampling techniques; where composite sampling is not physically possible or contrary to the approved methods set forth in 40 CFR 136, a grab sample is acceptable.
- C. The permittee is responsible for providing a sampling location suitable for obtaining a representative sample.

5. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- A. The exact place and date of sampling;
- B. The person(s) who performed the sampling or measurements;
- C. The date the analyses were performed on those samples;
- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used; and
- F. The results of all analyses and measurements.

6. RECORDS RETENTION

The permittee shall retain all of the following records for a minimum of three years, including:

- A. All sampling and analytical records (including internal sampling data not reported);
- B. All original recordings for any continuous monitoring instrumentation;
- C. All instrumentation, calibration and maintenance records; and

- D. All plant operation and maintenance records.
- E. All reports required by this permit.
- F. Records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report or application.

7. AVAILABILITY OF REPORTS

Except for data determined by the Ohio EPA to be entitled confidential status, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate district office of the Ohio EPA. Both the Clean Water Act and Section 6111.05 of the Ohio Revised Code state that effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in the Ohio Revised Code Section 6111.99.

8. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the director, within a reasonable time, any information which the director may request to determine whether cause exists for modifying or revoking the permit, or to determine compliance with this permit. The permittee shall also furnish to the director, upon request, copies of records required to be kept by this permit.

9. RIGHT OF ENTRY

The permittee shall allow the director, or an authorized representative upon presentation of credentials and other documents as may be required by law, to:

- A. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.
- B. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
- C. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit,
- D. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

10. NOTIFICATION OF SLUG LOADING

- A. The permittee shall notify the POTW at the telephone number provided in Part II - Other Conditions and the Ohio EPA by telephone at 1-800-282-9378 within one hour of discovery of any slug loading and provide the following:
 - 1. A description of the discharge and the cause of the slug loading;
 - 2. The period of slug loading including exact dates and times and, if not corrected, the anticipated time the noncompliance is expected to continue;

3. The steps taken or planned to reduce, eliminate and prevent reoccurrence of the slug loading.
 4. The POTW affected by the discharge.
- B. A written report containing the above information shall be filed with the POTW at the address provided in Part II - Other Conditions, and the Ohio EPA, at the address provided in Part III, Paragraph 3 entitled "REPORTING" within five business days of the day when the slug loading occurred.

11. DISCHARGE CHANGES

The following changes must be reported to the Ohio EPA as soon as practicable.

- A. Any significant change in character of the discharge which the permittee knows or has reason to believe has occurred or will occur which would constitute cause for modification or revocation. The permittee shall give advance notice to the director of any planned changes in the process line or treatment works from which the permitted discharge originates which may result in noncompliance with permit requirements. These changes include, but are not limited to, increases or decreases in production rates from which categorical standards are calculated, discharge flow rates, and the addition or deletion of wastestreams. Notification of permit changes or anticipated noncompliance does not stay any permit conditions.

Following this notice, modifications to the permit may be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. Sections 6111.44 and 6111.45, Ohio Revised Code, require that plans for treatment works or improvements to such works be approved by the director of the Ohio EPA prior to construction.

12. TOXIC POLLUTANTS

The permittee shall comply with effluent standards or prohibitions under Section 307(a) of the Clean Water Act or Section 3745-3 of the Ohio Administrative Code for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement. Following establishment of such standards or prohibitions, the director shall modify this permit and so notify the permittee.

13. PERMIT MODIFICATION OR REVOCATION

- A. After notice and opportunity for a hearing, this permit may be modified or revoked, by the Ohio EPA, in whole or in part during its term for cause including, but not limited to, the following:
1. Violation of any terms or conditions of this permit;
 2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 3. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge; or

- B. Pursuant to rule 3745-36-08, Ohio Administrative Code, the permittee may at any time apply to the Ohio EPA for modification of any part of this permit. The filing of a request by the permittee for a permit modification or revocation does not stay any permit condition. The application for modification should be received by the Ohio EPA Pretreatment Unit at least ninety days before the date on which it is desired that the modification become effective. The application shall be made only on forms approved by the Ohio EPA.

14. TRANSFER OF OWNERSHIP OR CONTROL

This permit cannot be transferred or assigned nor shall a new owner or successor be authorized to discharge from this facility, until the following requirements are met:

- A. The permittee shall notify the Ohio EPA Pretreatment Unit at least sixty days in advance of the proposed transfer date;
- B. The notice include a written agreement containing a specific date for transfer of permit responsibility and coverage between the current and new permittee (including acknowledgement that the existing permittee is liable for violations up to that date, and that the new permittee is liable for violations from that date on); and
- C. The director does not exercise his right to notify the current permittee and the new permittee of his or her intent to modify or revoke the permit and to require that a new application be filed.

15. STATE LAWS AND REGULATIONS

Nothing in this permit shall be construed to preclude the institution of any legal action nor relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Act.

16. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

17. PROPERTY RIGHTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

18. SIGNATORY REQUIREMENTS

- A. All applications and reports submitted to the Ohio EPA must be signed by an authorized representative of the permittee. An authorized representative may be:

1. In the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates.
2. In the case of a partnership, by a general partner.
3. In the case of a sole proprietorship, by the proprietor.

19. NEED TO HALT OR REDUCE ACTIVITY

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with conditions of this permit.

20. APPLICABLE FEDERAL RULES

All references to 40 CFR in this permit mean the version of 40 CFR which is effective as of the effective date of this permit.

21. AUTHORIZED DISCHARGES

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such violations may result in the imposition of civil and/or criminal penalties as provided for in Ohio Revised Code Sections 6111.09 and 6111.99.

22. DISPOSAL OF RESIDUALS

The storage and disposal of collected screenings, slurries, sludge or other solids shall be in accordance with Section 405 of the Clean Water Act and Subtitle C and D of the Resource Conservation and Recovery Act.

23. CIVIL AND CRIMINAL LIABILITY

Except as exempted in the permit conditions on unauthorized discharges, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

24. OTHER INFORMATION

- A. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the director, it shall promptly submit such facts or information.
 - B. ORC 6111.99 provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$25,000 per violation.
 - C. ORC 6111.99 states that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$25,000 per violation.
 - D. ORC 6111.99 provides that any person who violates Sections 6111.04, 6111.042, 6111.05, or division (A) of Section 6111.07 of the Revised Code shall be fined not more than \$25,000 or imprisoned not more than one year, or both.
-